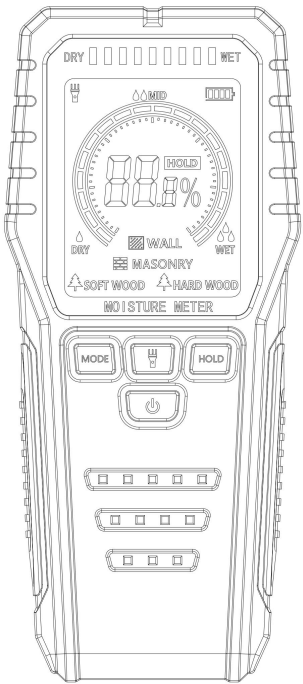
MOISTURE METER

USER GUIDE



Feel free to contact us

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1. Function Description 》》

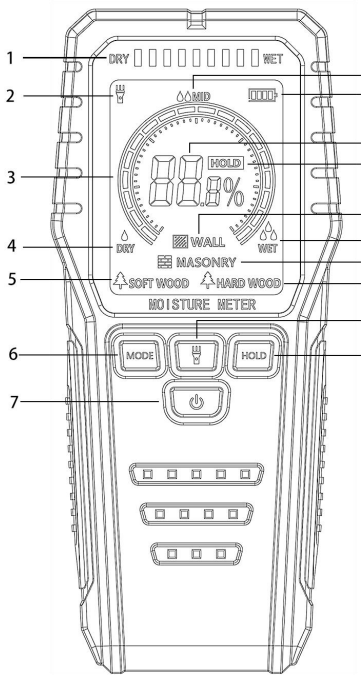
The meter is a pinless instrument that can detect moisture up to 3/4 in. (19mm) below the surface of the following materials: wallboard, masonry, hardwood and softwood.

⚠ warning:

Please read this manual carefully before using this instrument, and operate and use it in accordance with the operating instructions and provisions in the manual, so that the best functions of this instrument can be brought into play. Please keep this manual after reading it.

2. Product schematic 》 》

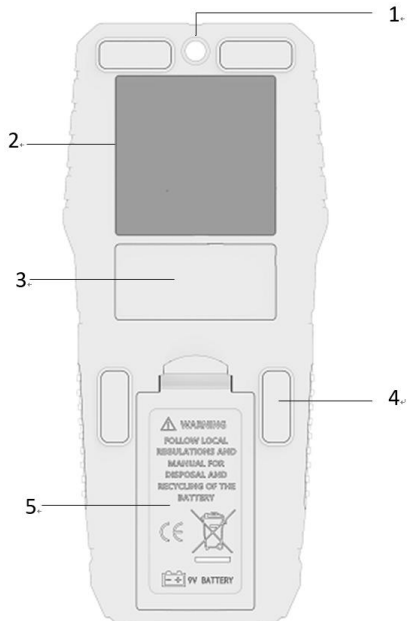
Product component description



Front view

1. Moisture level indicator
2. Flashlight indicator
3. Analog proportion display
4.8.13 Moisture level icon "dry" "medium" "wet"
5. Softwood measurement mode (loose, low-density wood)
6. Measurement mode selection button
7. ON/OFF button
9. Battery indicator
10. Reading display
11. Reading Hold Indicator
12. Wall measurement mode (generally refers to hard walls such as cement walls, cement floor , tile walls, etc.)
14. Masonry measurement mode (generally refers to bricks, loose stones, etc.)
15.Hardwood measurement mode (hard, dense wood)
16. Flashlight on/off button
17. Lock the screen on/off button, press and hold the machine for 3 seconds to enter the reference value calibration. (Note: Please don't let the touch anything during the calibration process, hold the

instrument below buttons)



Back view

1. LED of Flashlight
2. Sensor
3. Moisture level reference
4. Wear-resistant foot pads

5. Battery compartment

⚠ warning:

The instrument has been calibrated before leaving the factory, in order to achieve the measurement for best results, please do not use the calibration function if there is no need.

3. technical parameter 》》

Detection value	
Minimum detection area	50*50mm
Detection depth	≤19mm
Wall moisture level	0-70%
Masonry moisture level	0-70%
Softwood moisture level	5-75%
Hardwood moisture level	5-75%
Accuracy	±4%
Auto Power Off Trigger	5min
Working conditions	
Operating temperature	0 – 40℃ (32-104℉)
Operating humidity	5 - 95%RH

Storage Temperature	-10~50℃ (14~22℉)
Power Source	1×9V battery
Dimensions	150×67×28.5mm
Weight	160g

4. Operation instructions 》》

4.1 Battery

The instrument use 9V dry battery or 9V rechargeable battery. If you do not use the instrument for a long time, be sure to remove the battery from the battery compartment, otherwise the battery will automatically discharge and leak and corrode.

4.2 Power ON/OFF

Before starting the measurement, make sure that the sensor of the instrument is dry. If there is moisture on the sensor, please wipe it dry with a cloth before performing the measurement operation.

4.3 Measurement

For best accuracy, please press the instrument 's sensor on the flat area of the measured material.

Ideally, the thickness of the measured material should be at least 19mm.

If your test object is too thin, the instrument will measure the material below it and produce inaccurate readings. One way to compensate for thin materials is to stack measurement materials.

⚠ warning:

This instrument is a capacitive value detection instrument, please do not use it for non-capacitive moisture measurement. Such as metal, conductive film and other conductive objects.

5. NOTE 》》

1） In the process of storage and use, you must pay attention to keep the instrument dry and clean to ensure the accuracy of the measurement.

2）When the instrument is not in use, please store the instrument in a stable, dust-free, and avoid direct sunlight。

3） During the use of the instrument, please do not

press or knock the body strongly.

4） The measuring object of the instrument is a solid surface, please do not use it for measuring organic liquids.

5）Please do not attach the sensor of the instrument to water for measurement.

6）Please use the specified battery for power

Kind reminder

The calibration mode is suitable for Benchmark adjustments made by the instrument deviations due to environmental differences (high temperature and high humidity, low temperature and low humidity, high altitude and other unconventional environments). Benchmark adjustments have an impact on each model.

The instrument may need to be calibrated if the following conditions occur:

1) When the instrument sensor is dry, turn on the instrument and far away from any measured object , the value display is not "00.0%"

2) In“SOFT WOOD”mode，the value will be displayed

"00.0%" when different parts are measured

6. maintenance 》》

6.1）When the battery power is low, the backlight will be dim. To ensure accurate measurement of the instrument, please replace with new batteries in time.。

6.2）Use a dry and soft cloth to wipe off the dirt on the instrument. Do not use detergents or solvents.

6.3）Do not stick any labels or nameplates (especially metal nameplates) on the sensor. Please use the attached protective cover to store and carry the instrument.

7. Waste treatment 》》

Damaged instruments, accessories (batteries, etc.), and packaging materials must be recycled and reused in a manner that meets environmental protection requirements.

8. Commonly tested materials 》 》

Group	Example
WALL	Lime wall, soil wall, cement wall, roof
MASONRY	Brick wall, stone wall, floor
SOFTWOOD	Lauan ,Fir, Cork, Cedar, Beech…
HARDWOOD	Teak, Walnut, Afrormosia, Rubber Tree, Imbuia, Kokrodua, Niove Bidinkala, Keruing, White Poplar, , Tola, Ash, Elm, Maple, Padauk, Oak, Cherry…